

4.3.8 Garfield County

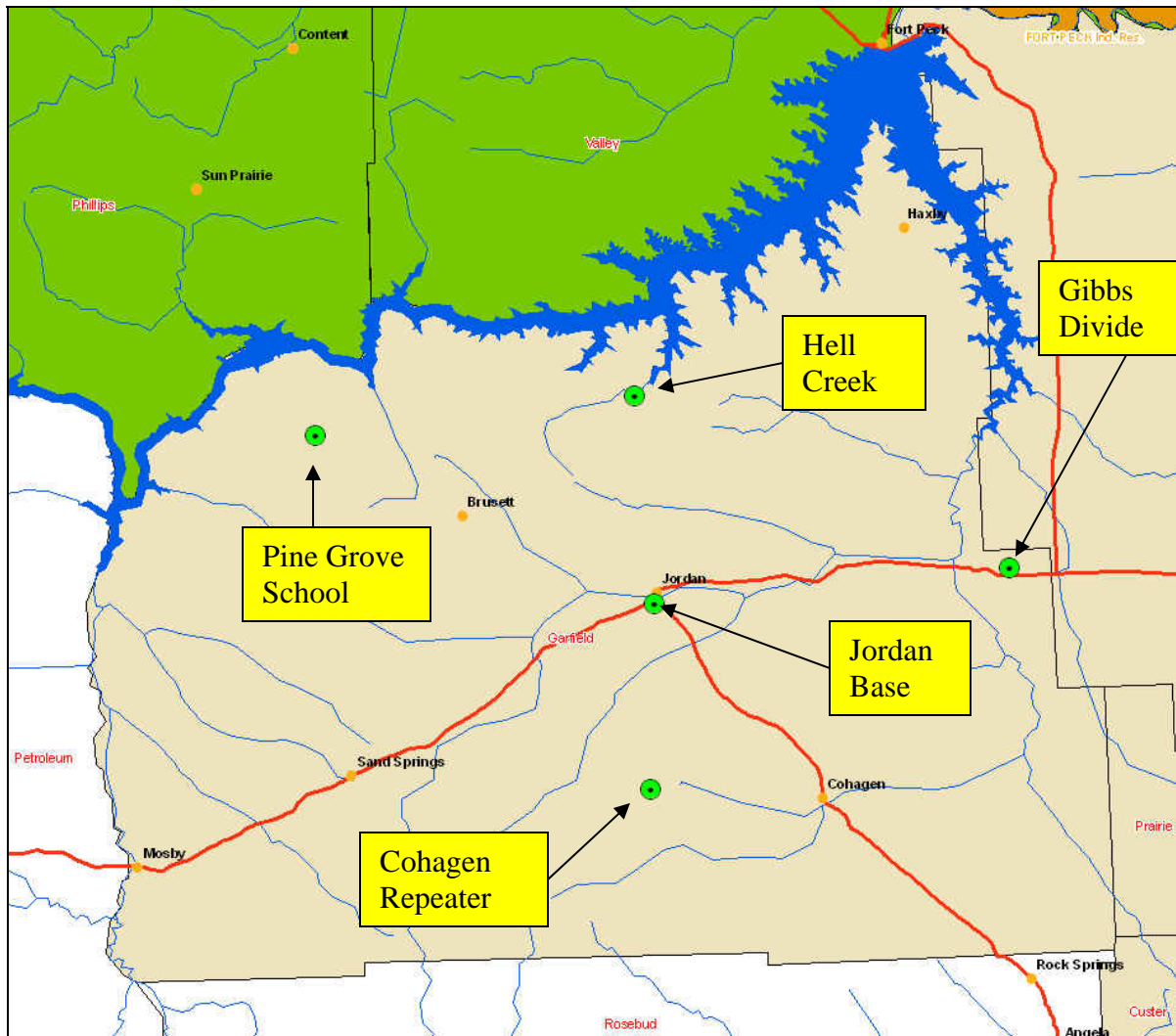


Figure 51 – Garfield County Antenna Sites

Site Name: Cohagen Repeater - South Repeater



Area: Biscuit Butte - Southern Garfield County

Location: Biscuit Butte

Land Owner: Frank Edwards

Ground Elevation: 3448'

Latitude: N47 04' 23.2"

Longitude: W106 56' 06.4"

Status: In Use

Rent: 0

Tower Height: 63'

Building Type: Rohn Pre-Fab Shelter

Building Size: 10x12

Approximate Space Used (%): 20

Primary Power: AC

Backup Power: None

Telephone Available? No

Tower Users: BLM, Garfield Co., MHP, APHIS

Is Combiner Used And Describe: Unknown

General Comments: Verbal agreement with BLM for Tower and Building



Survey Completed By: East-Mont Communications

Completed Date: Jun-05

Tower Manufacturer: ROHN

Tower Model: SSV

Tower Owner: BLM

Age (Years):

Tower Type: Free Standing

Fall Protection: Cable

Climbing Device: Step Bolts

Of Guy Wires:

Of Legs:

Leg Spacing:

Grounding System:

Other Towers Nearby?

Access In Summer:

Access In Winter: 4-wheel Drive

Criticality: Extremely Critical

Meets FCC OET 65?

Meets Antenna Loading?

Microwave In Use? No

Describe:

Microwave Capable? Yes

Describe:

Radio 1: ADI Repeater P26 Digital

Antenna Type: 5db Fiberglass Vertical

Antenna Height: 63'

Frequencies In Use: TX 158.790, RX 154.8000, DEC 192.9, ENC 107.2

User Agency: BLM

Filter, Duplexer, Etc.: Duplexer

P25? Unknown

Other:

Radio 2: GE MASTR II Repeater

Antenna Type: 5db Fiberglass Vertical

Antenna Height: 63'

Frequencies In Use:

User Agency: MHP

Filter, Duplexer, Etc.: Duplexer

P25? Unknown

Other:

Radio 3: E.F. Johnson Repeater (P25)

Antenna Type: Folded Dipole Array



Antenna Height: 30'

Frequencies In Use:

User Agency: APHIS - USDA

Filter, Duplexer, Etc.: Duplexer

P25? Unknown

Other:

Radio 4: Motorola MSR2000 Repeater

Antenna Type: Folded Dipole Array

Antenna Height: 63'

Frequencies In Use:

User Agency: Garfield County

Filter, Duplexer, Etc.: Duplexer

P25? No

Other:

Site Name: Garfield County North



Area: Hell Creek - Northern Garfield County

Location: Hell Creek

Land Owner: John Hillenbrand

Ground Elevation: 2724'

Latitude: N47 34' 07.5"

Longitude: W106 56' 28.2"

Status: In Use

Rent: 0

Tower Height: 48'

Building Type: Wood - Steel Siding

Building Size: 10x8

Approximate Space Used (%):20

Primary Power: AC - McCone Electric

Backup Power: None

Telephone Available? No

Tower Users:

Is Combiner Used And Describe: No

General Comments:



Survey Completed By: East-Mont Communications
Completed Date: Jun-05
Tower Manufacturer: ROHN
Tower Model: BX
Tower Owner: Garfield County
Age (Years): 7
Tower Type: Free Standing
Fall Protection: None
Climbing Device: Tower Rungs - Steel Tube or Angle
Of Guy Wires:
Of Legs:
Leg Spacing:
Grounding System:
Other Towers Nearby?
Access In Summer:
Access In Winter: 4-wheel Drive
Criticality:
Meets FCC OET 65?
Meets Antenna Loading?
Microwave In Use? No
Describe:
Microwave Capable? Yes
Describe:

Radio 1: GE MASTR III Repeater
Antenna Type: 5db Fiberglass Vertical
Antenna Height: 48'
Frequencies In Use:
User Agency: Garfield Co.
Filter, Duplexer, Etc.: Duplexer - In Cabinet
P25? No
Other:

Site Name: Gibbs Divide - East Repeater



Area: Eastern Garfield County

Location: Mile Post 245 - Highway 200

Land Owner: John Frady

Ground Elevation: 2811'

Latitude: N47 20' 10"

Longitude: W106 15' 22.1"

Status: In Use

Rent: None

Tower Height: 75'

Building Type: Rohn Shelter

Building Size: 8x10

Approximate Space Used (%): 50

Primary Power: 120v AC - McCone Electric

Backup Power: Propane Generator

Telephone Available? No

Tower Users: WAPA, MT DOT, Garfield County

Is Combiner Used And Describe: No

General Comments: Past verbal agreement w/ WAPA - Unknown Contact Rep.



Survey Completed By: East-Mont Communications

Completed Date: Jun-05

Tower Manufacturer:

Tower Model:

Tower Owner: WAPA

Age (Years):

Tower Type: Wood Pole

Fall Protection: None

Climbing Device: Step Bolts

Of Guy Wires:

Of Legs:

Leg Spacing:

Grounding System:

Other Towers Nearby?

Access In Summer:

Access In Winter: 4-wheel Drive

Criticality: Critical

Meets FCC OET 65?

Meets Antenna Loading?

Microwave In Use? No

Describe:

Microwave Capable? No

Describe:

Radio 1: Motorola Quantar w/VHF Link

Antenna Type: Folded Dipole Array

Antenna Height: 75'

Frequencies In Use: TX 158.790, RX 154.8000, DEC 192.9, ENC 118.8

User Agency: WAPA

Filter, Duplexer, Etc.: Duplexer

P25? Unknown

Other:

Radio 2: GE MASTR III Repeater

Antenna Type: 3db Fiberglass Vertical - 9'

Antenna Height: 39'

Frequencies In Use:

User Agency: MT DOT

Filter, Duplexer, Etc.: Duplexer

P25? Unknown

Other:

Radio 3: GE MASTR II Repeater

Antenna Type: 3db Fiberglass Vertical - 9'



Antenna Height: 26'

Frequencies In Use:

User Agency: Garfield County

Filter, Duplexer, Etc.: Duplexer

P25? No

Other:

Site Name: Jordan Base



Area: Jordan

Location: Jordan

Land Owner: Eugene Christensen

Ground Elevation: 2761'

Latitude: N47 18' 25.7"

Longitude: W106 54' 56.1"

Status: In Use

Rent: None

Tower Height: 63'

Building Type: Wood - Steel Siding

Building Size: 6x6

Approximate Space Used (%): 25

Primary Power: AC

Backup Power: None

Telephone Available? Yes

Tower Users: Garfield County SO, Hospital & Ambulance

Is Combiner Used And Describe: No

General Comments:



Survey Completed By: East-Mont Communications

Completed Date: Jun-05

Tower Manufacturer:

Tower Model:

Tower Owner:

Age (Years):

Tower Type: Wood Pole

Fall Protection: None

Climbing Device: Step Bolts

Of Guy Wires:

Of Legs:

Leg Spacing:

Grounding System:

Other Towers Nearby?

Access In Summer:

Access In Winter: 2-wheel Drive

Criticality:

Meets FCC OET 65?

Meets Antenna Loading?

Microwave In Use? No

Describe:

Microwave Capable? No

Describe:

Radio 1: GE MASTR III Base Station

Antenna Type: Hustler 67 Vertical

Antenna Height: 12'

Frequencies In Use: 154.800, 153.790

User Agency: Garfield County

Filter, Duplexer, Etc.: None

P25? No

Other: Tone remote to Miles City

Radio 2: GE MASTR II Base Station

Antenna Type: 5db Fiberglass Vertical

Antenna Height: 27'

Frequencies In Use: 155.280, 155.385

User Agency: Hospital, Ambulance

Filter, Duplexer, Etc.: None

P25? No

Other: Tone Remote Controlled

Site Name: Pine Grove - West Repeater



Area: Western Garfield County
Location: Pine Grove School House
Land Owner: Phipps Ranch Inc. - Clinton Phipps
Ground Elevation: 3416'
Latitude: N47 31' 52"
Longitude: W107 32' 10.7"
Status: In Use
Rent: None
Tower Height: 40'
Building Type: Rohn Pre-Fab Shelter
Building Size: 10x12
Approximate Space Used (%): 10
Primary Power: 120v AC
Backup Power: 12v Battery w/ Charger
Telephone Available? No
Tower Users: BLM, Garfield Co.
Is Combiner Used And Describe: No
General Comments: Verbal agreement w/ Clinton Phipps - Landowner, BLM, Garfield Co.



Survey Completed By: East-Mont Communications

Completed Date: Jun-05

Tower Manufacturer: ROHN

Tower Model: SSV

Tower Owner: BLM

Age (Years):

Tower Type: Free Standing

Fall Protection: Cable

Climbing Device: Step Bolts

Of Guy Wires: 0

Of Legs: 3

Leg Spacing:

Grounding System:

Other Towers Nearby?

Access In Summer:

Access In Winter: 4-wheel Drive

Criticality: Critical

Meets FCC OET 65?

Meets Antenna Loading?

Microwave In Use? No

Describe:

Microwave Capable? Yes

Describe:

Radio 1: ADI Repeater - P25 Digital

Antenna Type: 5db Fiberglass Vertical

Antenna Height: 40'

Frequencies In Use: TX 158.790, RX 154.8000, DEC 192.9, ENC 146.2

User Agency: BLM

Filter, Duplexer, Etc.: 6 Cavity - External Duplexer

P25? Unknown

Other:

Radio 2: Motorola MSR2000 Repeater

Antenna Type: Folded Dipole Array

Antenna Height: 40'

Frequencies In Use:

User Agency: Garfield County

Filter, Duplexer, Etc.: Internal Duplexer

P25? No

Other: